



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

acenaphthene		CAS Number	83-32-9
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	8.4 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
GB PMC	84 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	420 ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999
I/C DEC	2500 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
SWPC	0.918 mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003
SWPC	6.1 ug/l	Approved for site-specific use only.	4/15/2003

acenaphthylene		CAS Number	208-96-8
Type of Criteria	Criteria Units	Comments	Date Approved
SWPC	49.2 ug/l	Approved for site-specific use only.	4/15/2003

acetic acid		CAS Number	64-19-7
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	100 mg/l	Approved for statewide use. Based on generic ceiling value to ensure taste is not imparted to water and calories are not contributed.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

acetonitrile	CAS Number	75-05-8
---------------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GB PMC	24	mg/kg	Approved for statewide use. Based on GWPC.	11/1/2004
GWPC	119	ug/l	Approved for statewide use. Based on non-cancer-based value.	11/1/2004
Res DEC	500	mg/kg	Approved for statewide use. Based on a ceiling value for volatiles.	11/1/2004

acrolein	CAS Number	107-02-8
-----------------	-------------------	-----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GB PMC	0.008	mg/kg	Approved for statewide use. Based on GWPC.	11/1/2004
GWPC	0.04	ug/l	Approved for statewide use. Based on value from Region III RBC table which takes into consideration both inhalation and oral exposure.	11/1/2004
Res DEC	10	mg/kg	Approved for statewide use. Based on non-cancer-based value/3 for possible carcinogenicity.	11/1/2004

aldrin	CAS Number	309-00-2
---------------	-------------------	-----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	0.0031	ug/l	Approved for site-specific use only. Criterion based on MDL.	5/1/2003
I/C DEC	0.34	mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	0.036	mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

aluminum		CAS Number	7429-90-5
Type of Criteria	Criteria Units	Comments	Date Approved
Res DEC	--- mg/kg	No criteria set since aluminum is abundant in nature.	1/16/2003
SWPC	121.4 mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/16/2003

ammonia		CAS Number	7664-41-7
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	10 mg/kg	Approved for site-specific use only. Based on a GWPC of 500 ug/l.	1/26/2005
GWPC	500 ug/l	Approved for site-specific use only. Based on oral subchronic MRL/3.3 for chronic. Target level is below odor threshold of 1500 ug/l.	1/26/2005
Res DEC	500 mg/kg	Approved for site-specific use only. Based on a ceiling value for volatiles.	1/26/2005
SWPC	3 ug/l	Approved for site-specific use only. Based on most recent version of WQS.	1/26/2005

aniline		CAS Number	62-53-3
Type of Criteria	Criteria Units	Comments	Date Approved
GB PMC	1.2 mg/kg	Approved for statewide use. Based on GWPC.	11/1/2004
GWPC	6 ug/l	Approved for statewide use. Based on cancer-based value.	11/1/2004
Res DEC	107 mg/kg	Approved for statewide use. Based on cancer-based value.	11/1/2004



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

anthracene				CAS Number	120-12-7
Type of Criteria	Criteria	Units	Comments	Date Approved	
SWPC	0.73	ug/l	Approved for site-specific use only.	4/15/2003	
arsenic				CAS Number	7440-38-2
Type of Criteria	Criteria	Units	Comments	Date Approved	
SWPC	9.7	ug/l	Approved for site-specific use only. Based on in-stream dilution.		
barium				CAS Number	7440-39-3
Type of Criteria	Criteria	Units	Comments	Date Approved	
SWPC	4.54	mg/l	Approved for site-specific use only. Based on in-stream dilution.	3/12/2002	
benzo(a)anthracene				CAS Number	56-55-3
Type of Criteria	Criteria	Units	Comments	Date Approved	
SWPC	0.027	ug/l	Approved for site-specific use only.	4/15/2003	
benzo(a)pyrene				CAS Number	50-32-8
Type of Criteria	Criteria	Units	Comments	Date Approved	
SWPC	0.014	ug/l	Approved for site-specific use only.	4/15/2003	
benzo(b)fluoranthene				CAS Number	205-99-2
Type of Criteria	Criteria	Units	Comments	Date Approved	
SWPC	0.49	ug/l	Approved for site-specific use only.	4/15/2003	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

benzo(g,h,i)perylene		CAS Number	191-24-2
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	4.2 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
GB PMC	42 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	210 ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999
I/C DEC	2500 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
SWPC	4.92 ug/l	Approved for site-specific use only.	4/15/2003

benzo(k)fluoranthene		CAS Number	207-08-9
Type of Criteria	Criteria Units	Comments	Date Approved
SWPC	0.49 ug/l	Approved for site-specific use only.	4/15/2003



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

benzoic acid		CAS Number	65-85-0
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	10000 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
GWPC	50000 ug/l	Approved for statewide use on list dated 4/30/1999.	3/25/1999
I/C DEC	2500 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
Res DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999

BHC, alpha-		CAS Number	319-84-6
Type of Criteria	Criteria Units	Comments	Date Approved
I/C DEC	0.91 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	0.097 mg/kg	Approved for statewide use on list dated 4/30/1999.	

BHC, beta-		CAS Number	319-85-7
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	0.019 ug/l	Approved for site-specific use only.	5/1/2003
I/C DEC	3.2 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	0.34 mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

BHC, delta-		CAS Number	319-86-8	
Type of Criteria	Criteria	Units	Comments	Date Approved
I/C DEC	0.91	mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	0.097	mg/kg	Approved for statewide use on list dated 4/30/1999.	

Boron		CAS Number	7440-42-8	
Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	630	ug/l	Approved for site-specific use only. By SPLP.	10/7/2004
GWPC	630	ug/l	Approved for site-specific use only.	10/7/2004
I/C DEC	10000	mg/kg	Approved for site-specific use only.	10/7/2004
Res DEC	6120	mg/kg	Approved for site-specific use only.	10/7/2004



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

bromodichloromethane		CAS Number	75-27-4
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	0.011 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	0.11 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	0.56 ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	92 mg/kg	Approved for statewide use on list dated 4/30/1999.	
I/C GWVC	67 ug/l	Approved for site-specific use only. Based on I-based CSF (oral).	10/11/2002
Res DEC	9.9 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res GWVC	14 ug/l	Approved for site-specific use only. Based on I-based CSF (oral).	10/11/2002

bromomethane		CAS Number	74-83-9
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	0.2 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	2 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	9.8 ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	95 mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

bromophenyl-phenylether, 4-		CAS Number	101-55-3
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	8.2 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	82 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	410 ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	

butanone, 2-		CAS Number	78-93-3
Type of Criteria	Criteria Units	Comments	Date Approved
SWPC	756 mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003

butylbenzene		CAS Number	104-51-8
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1.4 mg/kg	Approved for site-specific use only.	7/28/1998
GWPC	70 ug/l	Approved for site-specific use only.	7/28/1998



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

butylbenzene, n-		CAS Number	104-51-8
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1.4 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999
GB PMC	14 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	61 ug/l	Approved for statewide use on list dated 4/30/1999.	6/4/1999
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	
I/C GWVC	16614 ug/l	Approved for site-specific use only. Based on E-based RfD (oral).	10/11/2002
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999
Res GWVC	4816 ug/l	Approved for site-specific use only. Based on E-based RfD (oral).	10/11/2002
SWPC	0.710 mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

butylbenzene, sec-

CAS Number

135-98-8

Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1.4 mg/kg	Approved for statewide use on list dated 4/30/1999.	7/28/1998
GA PMC	1.4 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999
GA PMC	1.4 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
GB PMC	14 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	70 ug/l	Approved for site-specific use only.	7/28/1998
GWPC	61 ug/l	Approved for statewide use on list dated 4/30/1999.	6/4/1999
GWPC	61 ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	
I/C GWVC	15506 ug/l	Approved for site-specific use only. Based on E-based RfD (oral).	10/11/2002
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
Res GWVC	4495 ug/l	Approved for site-specific use only. Based on E-based RfD (oral).	10/11/2002
SWPC	0.710 mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

butylbenzene, t-		CAS Number	98-06-6
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1.4 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	14 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
GWPC	61 ug/l	Approved for statewide use on list dated 4/30/1999. Based on Region 3 RBC Table for tap water.	3/25/1999
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
SWPC	0.710 mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003
cadmium		CAS Number	7440-43-9
Type of Criteria	Criteria Units	Comments	Date Approved
DEC	824 mg/kg	Approved for site-specific use only. Alternative DEC for soils in wetlands.	5/7/1999



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

carbazole		CAS Number	86-74-8
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1# mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	1# mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	10# ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	290 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	31 mg/kg	Approved for statewide use on list dated 4/30/1999.	

carbon disulfide		CAS Number	75-15-0
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	14 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	140 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	700 ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res GWVC	--- ug/l	Disapproved. Alternative site-specific volatilization criteria.	3/2/2000



State of Connecticut Department of Environmental Protection **Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria**

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

chlordane, alpha-			CAS Number	5103-71-9
Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	0.3	ug/l	Approved for site-specific use only. In addition, sum of chlordanes < 0.3 ug/l	5/1/2003

chlordane, gamma-			CAS Number	5566-34-7
Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	0.3	ug/l	Approved for site-specific use only. In addition, sum of chlordanes < 0.3 ug/l.	5/1/2003

chlorine			CAS Number	7782-50-5
Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	14	mg/kg	Approved for site-specific use only. Based on GWPC of 700 ug/l.	4/21/2004
GWPC	700	ug/L	Approved for site-specific use only. Based on RfD of 0.1 mg/kg/d. (100 ug/kg/d * 70 kg / 2 L/d * 0.2(RSC))	4/21/2004
I/C DEC	500	mg/kg	Approved for site-specific use only. Set at 500 mg/kg to prevent gross contamination in soil. Background levels are ~100 mg/kg. Present in earth's crust at ~500 mg/kg.	4/21/2004
Res DEC	500	mg/kg	Approved for site-specific use only. Set at 500 mg/kg to prevent gross contamination in soil. Background levels are ~100 mg/kg. Present in earth's crust at ~500 mg/kg.	4/21/2004



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

chloroaniline, 4-	CAS Number	106-47-8
--------------------------	-------------------	-----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	5.6	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	28	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	270	mg/kg	Approved for statewide use on list dated 4/30/1999.	

chloroethane	CAS Number	75-00-3
---------------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
I/C GWVC	45710	ug/l	Approved for site-specific use only. Based on I-based RfC/30.	10/11/2002
I/C GWVC	45000	ug/l	Approved for site-specific use only. Based on I-based RfC/30 for cancer and other uncertainties.	1/31/2003
Res DEC	210	mg/kg	Approved for site-specific use only. Based on E-based CSF.	3/2/2000
Res GWVC	13248	ug/l	Approved for site-specific use only. Based on I-based RfC/30.	10/11/2002
Res GWVC	12000	ug/l	Approved. Based on Proposed Revised Vol. Crit. Dated March 2003.	4/10/2003
SWPC	2.538	mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003



State of Connecticut Department of Environmental Protection **Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria**

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

chloromethane		CAS Number	74-87-3
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	0.054 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	0.54 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	2.7 ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	440 mg/kg	Approved for statewide use on list dated 4/30/1999.	
I/C GWVC	1449 ug/l		10/11/2002
I/C GWVC	1400 ug/l	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 13 ug/m ³ .	3/6/2003
RES DEC	47 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res GWVC	429 ug/l		10/11/2002
Res GWVC	450 ug/l	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 10 ug/m ³ .	3/6/2003



State of Connecticut Department of Environmental Protection

Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

chloronaphthalene, 2-	CAS Number	91-58-7
------------------------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	11	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	110	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	560	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	1000	mg/kg	Approved for statewide use on list dated 4/30/1999.	

chlorophenol, 2-	CAS Number	95-57-8
-------------------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GB PMC	7	mg/kg	Approved for statewide use. Based on GWPC.	11/1/2004
GWPC	35	ug/l	Approved for statewide use. Based on non-cancer-based value.	11/1/2004
Res DEC	339	mg/kg	Approved for statewide use. Based on non-cancer-based value.	11/1/2004



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

chlorophenyl-phenylether, 4-

CAS Number 7005-72-3

Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	8.2 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	82 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	410 ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	

chlorotoluene, 2-

CAS Number 95-49-8

Type of Criteria	Criteria Units	Comments	Date Approved
GB PMC	2 mg/kg	Approved for statewide use. See memo dated 3/29/01.	5/31/2000
I/C DEC	1000 mg/kg	Approved for statewide use. See memo dated 3/29/01.	5/31/2000
Res DEC	500 mg/kg	Approved for statewide use. See memo dated 3/29/01.	5/31/2000



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

chlorotoluene, 4-		CAS Number	106-43-4
Type of Criteria	Criteria Units	Comments	Date Approved
GB PMC	2 mg/kg	Approved for statewide use. See memo dated 3/29/01.	5/31/2000
I/C DEC	1000 mg/kg	Approved for statewide use. See memo dated 3/29/01.	5/31/2000
Res DEC	500 mg/kg	Approved for statewide use. See memo dated 3/29/01.	5/31/2000

chromium (III)		CAS Number	7440-47-3
Type of Criteria	Criteria Units	Comments	Date Approved
Res DEC	31000 mg/kg	Approved for site-specific use only. Based on I-based RfD/3.3.	10/30/2002

chromium (total)		CAS Number	
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	100 ug/l	Approved for statewide use. Based on CT DPH action level.	10/30/2002

chromium (VI)		CAS Number	18540-29-9
Type of Criteria	Criteria Units	Comments	Date Approved
Res DEC	100 mg/kg		10/30/2002



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

chrysene		CAS Number	218-01-9
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1# mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
GB PMC	1# mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	4.8 ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999
I/C DEC	780 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	84 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/19/1999
Res DEC	84 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
SWPC	4.92 ug/l	Approved for site-specific use only.	4/15/2003
citric acid		CAS Number	77-92-9
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	100 mg/l	Approved for statewide use. Based on generic ceiling value to ensure taste is not imparted to water and calories are not contributed.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

cobalt		CAS Number	7440-48-4
---------------	--	-------------------	------------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GB PMC	0.1	mg/l	Approved for statewide use. Using TCLP/SPLP. Based on GWPC of 10 ug/l.	11/3/2004
GWPC	10	ug/l	Approved for statewide use. Based on P-based RfD/10 to estimate chronic exposure. Rounded up to 10 to match upper end of background conc. in US groundwater & surface waters (ATSDR).	11/3/2004
Res DEC	70	mg/kg	Approved for statewide use. Based on P-based RfD divided by 10 to estimate a chronic exposure.	11/3/2004

cresol, m-		CAS Number	108-39-4
-------------------	--	-------------------	-----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	7	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	70	mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
GWPC	350	ug/l	Approved for statewide use on list dated 4/30/1999.	3/25/1999
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
Res DEC	1000	mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

cresol, p-		CAS Number	106-44-5
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	0.7 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	7 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
GWPC	35 ug/l	Approved for statewide use on list dated 4/30/1999.	3/25/1999
I/C DEC	2500 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
Res DEC	340 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999



State of Connecticut Department of Environmental Protection

Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

cumene (or isopropylbenzene)		CAS Number	98-82-8
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	0.6 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999
GA PMC	0.6 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
GB PMC	132 mg/kg	Approved for statewide use. See list dated 4/30/99. Based on health based GWPC of 660 ug/l.	3/25/1999
GWPC	30 ug/l	Approved for statewide use on list dated 4/30/99. Based on odor detection from volatilization during showering, as previously developed for cymene.	3/25/1999
GWPC	30 ug/l	Approved for statewide use on list dated 4/30/1999.	6/4/1999
GWPC	30 ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
I/C GWVC	10702 ug/l	Approved for site-specific use only. Based on odor threshold.	10/11/2002
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
Res GWVC	4343 ug/l	Approved for site-specific use only. Based on odor threshold.	10/11/2002
Res GWVC	2800 ug/l	Approved. Based on Proposed Revised Volatilization Criteria dated March 2003.	4/10/2003



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

cyclohexane				CAS Number	110-82-7
Type of Criteria	Criteria	Units	Comments	Date Approved	
GB PMC	400	mg/kg	Approved for site-specific use only. Based on GWPC of 2000 ug/l.	1/31/2003	
GWPC	2000	ug/l	Approved for site-specific use only. Based on ceiling value for TPH.	1/31/2003	
I/C DEC	1000	mg/kg	Approved for site-specific use only. Based on ceiling value for I/C DEC.	1/31/2003	

DDD, 4,4-				CAS Number	72-54-8
Type of Criteria	Criteria	Units	Comments	Date Approved	
GWPC	0.15	ug/l	Approved for statewide use on list dated 4/30/1999.	5/1/2003	
I/C DEC	24	mg/kg	Approved for statewide use on list dated 4/30/1999.		
RES DEC	2.6	mg/kg	Approved for statewide use on list dated 4/30/1999.		

DDE, 4,4'-				CAS Number	72-55-9
Type of Criteria	Criteria	Units	Comments	Date Approved	
I/C DEC	17	mg/kg	Approved for statewide use on list dated 4/30/1999.		
RES DEC	1.8	mg/kg	Approved for statewide use on list dated 4/30/1999.		

DDE, 4,4-				CAS Number	72-55-9
Type of Criteria	Criteria	Units	Comments	Date Approved	
GWPC	0.1	ug/l	Approved for statewide use on list dated 4/30/1999.	5/1/2003	



State of Connecticut Department of Environmental Protection

Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

DDT, 4,4'-		CAS Number	50-29-3
------------	--	------------	---------

Type of Criteria	Criteria	Units	Comments	Date Approved
I/C DEC	17	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	1.8	mg/kg	Approved for statewide use on list dated 4/30/1999.	

DDT, 4,4'-		CAS Number	50-29-3
------------	--	------------	---------

Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	0.1	ug/l	Approved for statewide use on list dated 4/30/1999.	5/1/2003

dibenzo(a,h)anthracene		CAS Number	53-70-3
------------------------	--	------------	---------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/99. Based on detection limits.	
GB PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/99. Based on detection limits.	
GWPC	0.2	ug/l	Approved for statewide use on list dated 4/30/1999. Based on detection limits.	
I/C DEC	1#	mg/kg	Approved for statewide use on list dated 4/30/99. Based on detection limits.	
RES DEC	1#	mg/kg	Approved for statewide use on list dated 4/30/99. Based on detection limits.	
SWPC	0.01	ug/l	Approved for site-specific use only.	4/15/2003



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

dibenzofuran		CAS Number	132-64-9
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1# mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
GB PMC	5.6 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	28 ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999
I/C DEC	2500 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	270 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999

dibromo-3-chloropropane, 1,2-		CAS Number	96-12-8
Type of Criteria	Criteria Units	Comments	Date Approved
I/C DEC	4.1 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	0.44 mg/kg	Approved for statewide use on list dated 4/30/1999.	

dicamba		CAS Number	1918-00-9
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	210 ug/l	Approved for site-specific use only. Based on a RfD of 0.03 mg/kg-day.	12/28/2004
I/C DEC	2500 mg/kg	Approved for site-specific use only. Based on a ceiling value.	12/28/2004
Res DEC	1000 mg/kg	Approved for site-specific use only. Based on a ceiling value.	12/28/2004



State of Connecticut Department of Environmental Protection

Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

dichlorobenzene, 1,3-				CAS Number	541-73-1
Type of Criteria	Criteria	Units	Comments	Date Approved	
GWPC	14	ug/l	Approved for site-specific use only. Based on EPA region 3 table.		

dichlorobenzidene, 3,3'-				CAS Number	91-94-1
Type of Criteria	Criteria	Units	Comments	Date Approved	
GA PMC	0.33#	mg/kg	Approved for statewide use on list dated 4/30/1999.		
GB PMC	0.33#	mg/kg	Approved for statewide use on list dated 4/30/1999.		
GWPC	10#	ug/l	Approved for statewide use on list dated 4/30/1999.		
I/C DEC	13	mg/kg	Approved for statewide use on list dated 4/30/1999.		
RES DEC	1.4	mg/kg	Approved for statewide use on list dated 4/30/1999.		

dichlorobutene, 1, 4-				CAS Number	31423-92-4
Type of Criteria	Criteria	Units	Comments	Date Approved	
GB PMC	0.08	mg/kg	Approved for site-specific use only.	3/25/1999	
GWPC	0.004	ug/l	Approved for site-specific use only.	3/25/1999	
I/C DEC	0.62	mg/kg	Approved for site-specific use only.	3/25/1999	
Res DEC	0.07	mg/kg	Approved for site-specific use only.	3/25/1999	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

dichlorodifluoromethane			CAS Number	75-71-8
Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	350	ug/l	Approved for site-specific use only. Based on A-based RfD (inhalation).	5/22/2000
GWPC	350	ug/l	Approved for site-specific use only. Based on potential for combined inhalation and ingestion exposures.	11/1/2004
I/C GWVC	920	ug/l	Approved for site-specific use only. Based on A-based RfD (inhalation).	10/11/2002
I/C GWVC	900	ug/l	Approved for site-specific use only. Based on 1995 equations using a TAC of 256 ug/m ³ .	3/6/2003
I/C SVVC	850	ppm	Approved for site-specific use only. Based on 1995 equations using a TAC of 256 ug/m ³ .	3/6/2003
Res GWVC	266	ug/l	Approved for site-specific use only. Based on A-based RfD (inhalation).	10/11/2002
Res GWVC	250	ug/l	Approved for site-specific use only. Based on 1995 equations using a TAC of 183 ug/m ³ .	3/6/2003
Res GWVC	93	ug/l	Approved. Based on Proposed Revised Volatilization Criteria dated March 2003.	11/1/2004
Res SVVC	250	ppm	Approved for site-specific use only. Based on 1995 equations using a TAC of 183 ug/m ³ .	3/6/2003
dichloroethane, 1,1-			CAS Number	75-34-3
Type of Criteria	Criteria	Units	Comments	Date Approved
SWPC	2.538	mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003



State of Connecticut Department of Environmental Protection **Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria**

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

dichloroethene (total), 1,2-			CAS Number	540-59-0
Type of Criteria	Criteria	Units	Comments	Date Approved
I/C GWVC	7585	ug/l	Approved for site specific use only.	6/22/2000
Res SVVC	1590	ppm	Approved for site-specific use only. Based on a TAC of 37 ug/m ³ .	12/6/1999

dichloroethene, cis-1,2-			CAS Number	156-59-2
Type of Criteria	Criteria	Units	Comments	Date Approved
I/C GWVC	10455	ug/l	Approved for site-specific use only. Based on H-based RfD (oral).	10/11/2002
I/C GWVC	10000	ug/l	Approved for site-specific use only. Based on H-based RfD (oral).	1/31/2003
I/C GWVC	10300	ug/l	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 51 ug/m ³ .	3/6/2003
I/C SVVC	200	ppm	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 51 ug/m ³ .	3/6/2003
Res GWVC	3036	ug/l	Approved for site-specific use only. Based on H-based RfD (oral).	10/11/2002
Res GWVC	3000	ug/l	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 37 ug/m ³ .	3/6/2003
Res GWVC	860	ug/l	Approved. Based on Proposed Revised Vol. Crit. Dated March 2003.	4/10/2003
Res SVVC	60	ppm	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 37 ug/m ³ .	3/6/2003
SWPC	31.86	mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

dichloroethene, trans-1,2-			CAS Number	156-60-5
Type of Criteria	Criteria	Units	Comments	Date Approved
I/C GWVC	10900	ug/l	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 102 ug/m ³ .	3/6/2003
Res GWVC	3100	ug/l	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 73 ug/m ³ .	3/6/2003
dichloroethylene, 1,1-			CAS Number	75-35-4
Type of Criteria	Criteria	Units	Comments	Date Approved
Res GWVC	190	ug/l	Approved. Based on Proposed Revised Volatilization Criteria dated March 2003.	12/16/2003
dichlorophenol, 2,4-			CAS Number	120-83-2
Type of Criteria	Criteria	Units	Comments	Date Approved
GB PMC	4.2	mg/kg	Approved for statewide use. Based on GWPC.	11/1/2004
GWPC	21	ug/l	Approved for statewide use. Based on non-cancer-based value.	11/1/2004
Res DEC	203	mg/kg	Approved for statewide use. Based on non-cancer-based value.	11/1/2004
dichloroprop			CAS Number	120-36-5
Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	25	ug/l	Approved for site-specific use only. Based on a RfD of 0.0036 mg/kg-day.	12/28/2004
I/C DEC	244	mg/kg	Approved for site-specific use only. Based on a RfD of 0.0036 mg/kg-day.	12/28/2004
Res DEC	2500	mg/kg	Approved for site-specific use only. Based on a ceiling value.	12/28/2004



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

dichlorotrifluoroethane		CAS Number	34077-87-7
Type of Criteria	Criteria Units	Comments	Date Approved
Res GWVC	10 ug/l	Approved for site-specific use only. Very conservative number.	5/17/2000

diethyl phthalate		CAS Number	84-66-2
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	110 mg/kg	Approved for statewide use on list dated 4/30/1999.	7/29/1998
GB PMC	1100 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	5600 ug/l	Approved for statewide use on list dated 4/30/1999.	7/29/1998
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	7/29/1998
RES DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

dimethyl phthalate

CAS Number 131-11-3

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	110	mg/kg	Approved for statewide use on list dated 4/30/1999. Diethyl phthalate used as surrogate.	7/29/1998
GB PMC	1100	mg/kg	Approved for statewide use on list dated 4/30/1999. Diethyl phthalate used as surrogate.	
GWPC	5600	ug/l	Approved for statewide use on list dated 4/30/1999. Diethyl phthalate used as surrogate.	
GWPC	5600	ug/l	Approved for statewide use on list dated 4/30/1999. Diethyl phthalate used as surrogate.	7/29/1998
I/C DEC	1000	mg/kg	Approved for statewide use on list dated 4/30/1999. Diethyl phthalate used as surrogate.	7/29/1998
RES DEC	1000	mg/kg	Approved for statewide use on list dated 4/30/1999. Diethyl phthalate used as surrogate.	

dimethylphenol, 2,4-

CAS Number 105-67-9

Type of Criteria	Criteria	Units	Comments	Date Approved
GA/PMC	2.8	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	28	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	140	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	1000	mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

dinitrophenol, 2,4-	CAS Number	51-28-5
----------------------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1.65#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	2.8	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	50#	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	140	mg/kg	Approved for statewide use on list dated 4/30/1999.	

dinitrotoluene, 2, 6-	CAS Number	606-20-2
------------------------------	-------------------	-----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	1.4	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	10#	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2000	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	68	mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection **Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria**

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

dinitrotoluene, 2,4-	CAS Number	121-14-2
-----------------------------	-------------------	-----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	2.8	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	14	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	140	mg/kg	Approved for statewide use on list dated 4/30/1999.	

dioxane, 1,4-	CAS Number	123-91-1
----------------------	-------------------	-----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	20	ug/l	Approved for site-specific use only. Interim drinking water standard based on a RfD of 0.0033 mg/kg/d. USEPA is reevaluating 1,4-dioxane this year.	4/23/2004
I/C DEC	1000	mg/kg	Approved for site-specific use only. Based on a ceiling value for I/C DEC of 1000 mg/kg.	4/23/2004
Res DEC	220	mg/kg	Approved for site-specific use only. Based on a RfD of 0.0033 mg/kg/d.	4/23/2004



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

endosulfan I	CAS Number	19595-59-6
---------------------	-------------------	-------------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	0.84	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	8.4	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	42	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	1200	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	410	mg/kg	Approved for statewide use on list dated 4/30/1999.	

endosulfan II	CAS Number	19670-15-6
----------------------	-------------------	-------------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	0.84	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	8.4	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	42	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	1200	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	410	mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

endosulfan sulfate	CAS Number	1031-07-8
---------------------------	-------------------	------------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	0.84	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	8.4	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	42	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	1200	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	410	mg/kg	Approved for statewide use on list dated 4/30/1999.	

endrin	CAS Number	72-20-8
---------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	2.1	ug/l	Approved for site-specific use only. Based on IRIS RfD.	5/1/2003

endrin aldehyde	CAS Number	7421-93-4
------------------------	-------------------	------------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	2.1	ug/l	Approved for site-specific use only. In addition, sum of "endrins" < 2.1 ug/l	5/1/2003
I/C DEC	610	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	20	mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

endrin ketone		CAS Number	53494-70-5
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	2.1 ug/l	Approved for site-specific use only. In addition, sum of "endrins" < 2.1 ug/l	5/1/2003
I/C DEC	610 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	20 mg/kg	Approved for statewide use on list dated 4/30/1999.	

ethanol		CAS Number	64-17-5
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	0.4 mg/l	Approved for site-specific use only. Based on DPH ethanol drinking water risk assessment for NEIWPC, 2001.	

ethyl acetate		CAS Number	141-78-6
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	6.3 mg/l	Approved for statewide use. Based on I-based RfD.	

ethylene glycol		CAS Number	107-21-1
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	7000 ug/l	Approved for site-specific use only. Based on drinking water concentrations derived by other states and EPA's 1987 Health Advisory.	9/13/2002
Res DEC	1000 mg/kg	Approved for site-specific use only. Based on a ceiling limit.	9/13/2002



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

fluoranthene		CAS Number	206-44-0
--------------	--	------------	----------

Type of Criteria	Criteria	Units	Comments	Date Approved
SWPC	1.28	ug/l	Approved for site-specific use only.	4/15/2003

fluorene		CAS Number	86-73-7
----------	--	------------	---------

Type of Criteria	Criteria	Units	Comments	Date Approved
SWPC	3.9	ug/l	Approved for site-specific use only.	4/15/2003



State of Connecticut Department of Environmental Protection

Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

formaldehyde		CAS Number	50-00-0
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	2.8 mg/kg	Approved for site-specific use only. Based on a GWPC of 140 ug/l.	12/12/2003
GA PMC	2.8 mg/kg	Approved for site-specific use only. Based on a GWPC of 140 ug/l.	12/28/2004
GWPC	140 ug/l	Approved for site-specific use only. Based on RfD decreased by 10 fold for possible carcinogenicity. Consistent with DW standards in others states such as ME & CA.	9/3/2003
GWPC	140 ug/l	Approved for site-specific use only. Based on RfD decreased by 10 fold for possible carcinogenicity. Consistent with DW standards in others states such as ME & CA.	12/16/2003
GWPC	140 ug/l	Approved for site-specific use only. RfD decreased 10 fold for possible carcinogenicity.	12/28/2004
GWPC	140 ug/l	Approved for site-specific use only. Based on a RfD/10 for possible carcinogenicity.	1/26/2005
I/C DEC	1000 mg/kg	Approved for site-specific use only. Based on a ceiling value for volatiles.	12/12/2003
I/C DEC	1000 mg/kg	Approved for site-specific use only. Based on a ceiling value for volatiles.	12/16/2003
I/C DEC	1000 mg/kg	Approved for site-specific use only. Based on a ceiling value.	12/28/2004
Res DEC	500 mg/kg	Approved for site-specific use only. Based on a ceiling value for volatiles.	9/3/2003
SWPC	16 ug/l	Approved for site-specific use only.	1/26/2005



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

hexachlorobutadiene	CAS Number	87-68-3
----------------------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	0.45	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	73	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	7.9	mg/kg	Approved for statewide use on list dated 4/30/1999.	

hexachlorocyclopentadiene	CAS Number	77-47-4
----------------------------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	9.8	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	49	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	470	mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

indeno(1,2,3-cd)pyrene		CAS Number	193-39-5
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
GB PMC	1# mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	0.2 ug/l	Based on detection limits.	
GWPC	0.5 ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999
I/C DEC	7.8 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	1 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
SWPC	0.49 ug/l	Approved for site-specific use only.	4/15/2003

isophorone		CAS Number	78-59-1
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1# mg/l	Approved for statewide use on list dated 4/30/1999.	
GB PMC	7.4 mg/l	Approved for statewide use on list dated 4/30/1999.	
GWPC	37 ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500 mg/l	Approved for statewide use on list dated 4/30/1999.	
RES DEC	640 mg/l	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

isopropanol		CAS Number	67-63-0
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	2.3 mg/l	Approved for statewide use on list dated 4/30/99. Based on CT DPH Action Level.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

isopropyltoluene, p-

CAS Number 99-87-6

Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1.4 mg/kg	For site-specific use only.	7/28/1998
GA PMC	0.6 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999
GA PMC	0.6 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
GB PMC	41.8 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	70 ug/l	For site-specific use only.	7/28/1998
GWPC	30 ug/l	Approved for statewide use on list dated 4/30/1999. Based on odor thresholds for p-cymene & cumene.	12/18/1998
GWPC	30 ug/l	Approved for statewide use on list dated 4/30/1999.	6/4/1999
GWPC	30 ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
Res GWVC	1600 ug/l	Approved. Based on Proposed Revised Vol. Crit. Dated March 2003.	4/10/2003



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

lead				CAS Number	7439-92-1
Type of Criteria	Criteria	Units	Comments	Date Approved	
Res DEC	500	mg/kg	Approved for site-specific use only. For sediments. Based on screening sediment concentration for fish pathway.	3/2/2000	
SWPC	188	ug/l	Approved for site-specific use only. Based on in-stream dilution.		
Lithium				CAS Number	7439-93-2
Type of Criteria	Criteria	Units	Comments	Date Approved	
GA PMC	14	ug/l	Approved for site-specific use only. By SPLP.	10/7/2004	
GWPC	14	ug/l	Approved for site-specific use only.	10/7/2004	
I/C DEC	4100	mg/kg	Approved for site-specific use only.	10/7/2004	
Res DEC	136	mg/kg	Approved for site-specific use only.	10/7/2004	
manganese				CAS Number	7439-96-5
Type of Criteria	Criteria	Units	Comments	Date Approved	
Res DEC	1400	mg/kg	Approved for site-specific use only. Based on IRIS non-food RfD.	3/2/2000	
mercury				CAS Number	7439-97-6
Type of Criteria	Criteria	Units	Comments	Date Approved	
Res DEC	0.2	mg/kg	Approved for site-specific use only. For sediments. Based on screening sediment concentration for fish pathway.	3/2/2000	



State of Connecticut Department of Environmental Protection

Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

methanol		CAS Number	67-56-1
----------	--	------------	---------

Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	1	mg/l	Approved for site-specific use only. Based on I-based RfD divided by 3 to account for data gaps in repo/developmental area.	
SWPC	7.6	ug/l	Approved for site-specific use only.	1/26/2005

methyl tert butyl ether		CAS Number	1634-04-4
-------------------------	--	------------	-----------

Type of Criteria	Criteria	Units	Comments	Date Approved
SWPC	0.710	mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003

methylnaphthalene, 2-		CAS Number	91-57-6
-----------------------	--	------------	---------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	0.98	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
GB PMC	9.8	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	49	ug/l	Approved for statewide use on list dated 4/30/1999.	
GWPC	49	ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	
Res DEC	474	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

methylphenol, 2-	CAS Number	95-48-7
-------------------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	7	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	70	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	350	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	1000	mg/kg	Approved for statewide use on list dated 4/30/1999.	

methylphenol, 4-	CAS Number	106-44-5
-------------------------	-------------------	-----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	7	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	35	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	340	mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

naphthalene		CAS Number	91-20-3
Type of Criteria	Criteria Units	Comments	Date Approved
SWPC	0.648 mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003
SWPC	24 ug/l	Approved for site-specific use only.	4/15/2003
nitrate		CAS Number	14797-55-8
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	10000 ug/l	Approved for site-specific use only. Based on USEPA MCL for nitrates.	1/26/2005
nitroaniline, 2-		CAS Number	88-74-4
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1.65# mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	1.65# mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	50# ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	1200 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	4.1 mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

nitroaniline, 3-		CAS Number	99-09-2
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1.65# mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	4.2 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	50# ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	200 mg/kg	Approved for statewide use on list dated 4/30/1999.	

nitroaniline, 4-		CAS Number	100-01-6
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1# mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	4.2 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	21 ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	200 mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

nitrobenzene	CAS Number	98-95-3
---------------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	10#	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	1000	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	34	mg/kg	Approved for statewide use on list dated 4/30/1999.	

nitrophenol, 2-	CAS Number	88-75-5
------------------------	-------------------	----------------

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1.1	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	11	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	56	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	540	mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

nitrosodi-n-propylamine, N-

CAS Number

621-64-7

Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	10#	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection

Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

nitrosodiphenylamine, N-				CAS Number	86-30-6
Type of Criteria	Criteria	Units	Comments	Date Approved	
GA PMC	1#	mg/kg	Approved for statewide use on list dated 4/30/1999.		
GA PMC	1	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999	
GB PMC	1.4	mg/kg	Approved for statewide use on list dated 4/30/1999.		
GWPC	10#	ug/l	Approved for statewide use on list dated 4/30/1999.		
GWPC	10	ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999	
I/C DEC	1200	mg/kg	Approved for statewide use on list dated 4/30/1999.		
RES DEC	130	mg/kg	Approved for statewide use on list dated 4/30/1999.		
Res DEC	130	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999	
PCB				CAS Number	1336-36-3
Type of Criteria	Criteria	Units	Comments	Date Approved	
Res DEC	0.1	mg/kg	Approved for site-specific use only. For sediments. Based on screening sediment concentration for fish pathway.	3/2/2000	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

pentachloronitrobenzene		CAS Number	82-68-8
Type of Criteria	Criteria Units	Comments	Date Approved
GB PMC	0.1 mg/kg	Approved for statewide use. Based on detection limit.	11/1/2004
GWPC	0.13 ug/l	Approved for statewide use. Based on cancer-based value.	11/1/2004
Res DEC	2.4 mg/kg	Approved for statewide use. Based on cancer-based value.	11/1/2004

phenanthrene		CAS Number	85-01-8
Type of Criteria	Criteria Units	Comments	Date Approved
SWPC	6.3 ug/l	Approved for site-specific use only.	4/15/2003
SWPC	0.3 ug/l	Approved for site-specific use only.	1/26/2005

polychlorinated terphenyls		CAS Number	61788-33-8
Type of Criteria	Criteria Units	Comments	Date Approved
I/C DEC	1.3 mg/kg	Approved for site-specific use only. Based on E-based CSF.	6/17/1999



State of Connecticut Department of Environmental Protection

Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

propylbenzene, n-				CAS Number	103-65-1
Type of Criteria	Criteria	Units	Comments	Date Approved	
GA PMC	1.4	mg/kg	Approved for site-specific use only.	7/28/1998	
GA PMC	1.4	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999	
GA PMC	1.4	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999	
GB PMC	14	mg/kg	Approved for statewide use on list dated 4/30/1999.		
GWPC	70	ug/l	Approved for site-specific use only.	7/28/1998	
GWPC	61	ug/l	Approved for statewide use on list dated 4/30/1999.	6/4/1999	
GWPC	61	ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999	
I/C DEC	1000	mg/kg	Approved for statewide use on list dated 4/30/1999.		
Res DEC	500	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999	
Res DEC	500	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999	
propylene glycol				CAS Number	57-55-6
Type of Criteria	Criteria	Units	Comments	Date Approved	
GWPC	7	mg/l	Approved for statewide use. Based on analogy with ethylene glycol which has a chronic drinking water health advisory from USEPA of 7 mg/l.		



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

pyrene				CAS Number	129-00-0
Type of Criteria	Criteria	Units	Comments	Date Approved	
SWPC	49.17	ug/l	Approved for site-specific use only.	4/15/2003	

pyridine				CAS Number	110-86-1
Type of Criteria	Criteria	Units	Comments	Date Approved	
GB PMC	0.14	mg/kg	Approved for statewide use. Based on GWPC.	11/1/2004	
GWPC	0.7	ug/l	Approved for statewide use. Based on non-cancer-based value/10 for possible carcinogenicity.	11/1/2004	
Res DEC	7	mg/kg	Approved for statewide use. Based on non-cancer-based value/10 for possible carcinogenicity.	11/1/2004	

sodium acetate				CAS Number	127-09-3
Type of Criteria	Criteria	Units	Comments	Date Approved	
GWPC	6.3	mg/l	Approved for statewide use. Based on an analogy with ethyl acetate.		

Sugars-Fructose				CAS Number	57-48-7
Type of Criteria	Criteria	Units	Comments	Date Approved	
GWPC	100	mg/l	Approved for statewide use. Generic ceiling value to ensure taste is not imparted to water and calories are not contributed.		

Sugars-Glucose				CAS Number	50-99-7
Type of Criteria	Criteria	Units	Comments	Date Approved	
GWPC	100	mg/l	Approved for statewide use. Generic ceiling value to ensure taste is not imparted to water and calories are not contributed.		



State of Connecticut Department of Environmental Protection

Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

Sugars-Maltose			CAS Number	69-79-4
Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	100	mg/l	Approved for statewide use. Generic ceiling value to ensure taste is not imparted to water and calories are not contributed.	
Sugars-Sucrose			CAS Number	57-50-1
Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	100	mg/l	Approved for statewide use. Generic ceiling value to ensure taste is not imparted to water and calories are not contributed.	
tert-butyl alcohol			CAS Number	75-65-0
Type of Criteria	Criteria	Units	Comments	Date Approved
DW action lev	100	ug/l	Approved site-specific interim drinking water target. In addition, drinking water target for MTBE + TBA = 100 ug/l.	10/17/2003
tetrachlorobenzene, 1,2,4,5-			CAS Number	95-94-3
Type of Criteria	Criteria	Units	Comments	Date Approved
GB PMC	0.4	mg/kg	Approved for statewide use. Based on GWPC.	11/1/2004
GWPC	2	ug/l	Approved for statewide use. Based on non-cancer-based value.	11/1/2004
Res DEC	20	mg/kg	Approved for statewide use. Based on non-cancer-based value.	11/1/2004
tetrachloroethylene			CAS Number	127-18-4
Type of Criteria	Criteria	Units	Comments	Date Approved
SWPC	3570	ug/l	Approved for site-specific use only. Based on in-stream dilution.	10/4/1999



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

tetrahydrofuran		CAS Number	109-99-9
Type of Criteria	Criteria Units	Comments	Date Approved
GWPC	5 ug/l	Approved for site-specific use only.	12/28/2004
I/C GWVC	5900 ug/l	Approved for site-specific use only. Based on a TAC of 4.3 ug/m ³ .	12/28/2004
Res DEC	81 mg/kg	Approved for site-specific use only. Based on E-based CSF.	3/2/2000
Res GWVC	370 ug/l	Approved for site-specific use only. Based on a TAC of 0.6 ug/m ³ .	12/28/2004

Tin		CAS Number	7440-31-5
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	210 ug/l	Approved for site-specific use only. By SPLP.	10/7/2004
GWPC	210 ug/l	Approved for site-specific use only.	10/7/2004
I/C DEC	2000 mg/kg	Approved for site-specific use only.	10/7/2004
Res DEC	2000 mg/kg	Approved for site-specific use only.	10/7/2004



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

trichloro-1,2,2-trifluoroethane, 1,1,2-			CAS Number	76-13-1
Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	20000	ug/l	Approved for statewide use on list dated 4/30/1999. Based on odor threshold.	10/28/1998
I/C GWVC	10	ug/l	Approved for site-specific use only. Very conservative number.	5/17/2000
I/C SVVC	1100	ppm	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 500 ug/m ³ .	3/6/2003
Res SVVC	440	ppm	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 500 ug/m ³ .	3/6/2003

trichlorobenzene, 1,2,4-			CAS Number	120-82-1
Type of Criteria	Criteria	Units	Comments	Date Approved
GA PMC	1.4	mg/l	Approved for statewide use on list dated 4/30/1999.	
GB PMC	14	mg/l	Approved for statewide use on list dated 4/30/1999.	
GWPC	70	ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500	mg/l	Approved for statewide use on list dated 4/30/1999.	
RES DEC	680	mg/l	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection **Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria**

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

trichlorofluoromethane		CAS Number	75-69-4
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	26 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	260 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
GWPC	1300 ug/l	Approved for statewide use on list dated 4/30/1999.	3/25/1999
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
I/C GWVC	12675 ug/l	Approved for site-specific use only. Based on A-based RfD (inhalation).	10/11/2002
I/C SVVC	1500 ppm	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 500 ug/m ³ .	3/6/2003
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	3/25/1999
Res GWVC	3647 ug/l	Approved for site-specific use only. Based on A-based RfD (inhalation).	10/11/2002
Res SVVC	610 ppm	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 500 ug/m ³ .	3/6/2003



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

trichlorophenol, 2,4,5-		CAS Number	95-95-4
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	14 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	140 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	700 ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	2500 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	

trichlorophenol, 2,4,6-		CAS Number	88-06-2
Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	1# mg/kg	Approved for statewide use on list dated 4/30/1999.	
GB PMC	1# mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	10# ug/l	Approved for statewide use on list dated 4/30/1999.	
I/C DEC	520 mg/kg	Approved for statewide use on list dated 4/30/1999.	
RES DEC	56 mg/kg	Approved for statewide use on list dated 4/30/1999.	



State of Connecticut Department of Environmental Protection **Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria**

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

trimethylbenzene, 1,2,4-				CAS Number	95-63-6
Type of Criteria	Criteria	Units	Comments	Date Approved	
GA PMC	7	mg/kg	Approved for statewide use on list dated 4/30/1999.	7/28/1998	
GA PMC	7	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999	
GA PMC	7	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999	
GB PMC	70	mg/kg	Approved for statewide use on list dated 4/30/1999.		
GWPC	350	ug/l	Approved for statewide use on list dated 4/30/1999.	7/28/1998	
GWPC	350	ug/l	Approved for statewide use on list dated 4/30/1999.	6/4/1999	
GWPC	350	ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999	
I/C DEC	1000	mg/kg	Approved for statewide use on list dated 4/30/1999.		
I/C GWVC	4000	ug/l	Approved for site-specific use only. Based on E-based RfC.	1/31/2003	
I/C SVVC	90	ppm	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 26 ug/m ³ .	3/6/2003	
Res DEC	500	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999	
Res DEC	500	mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999	
Res GWVC	360	ug/l	Approved. Based on Proposed Revised Vol. Crit. Dated March 2003.	4/10/2003	



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

Res SVVC	25 ppm	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 18 ug/m ³ .	3/6/2003
SWPC	0.710 mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

trimethylbenzene, 1,3,5-

CAS Number

108-67-8

Type of Criteria	Criteria Units	Comments	Date Approved
GA PMC	7 mg/kg	Approved for statewide use on list dated 4/30/1999.	7/28/1998
GA PMC	7 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999
GA PMC	7 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
GB PMC	70 mg/kg	Approved for statewide use on list dated 4/30/1999.	
GWPC	350 ug/l	Approved for statewide use on list dated 4/30/1999.	7/28/1998
GWPC	350 ug/l	Approved for statewide use on list dated 4/30/1999.	6/4/1999
GWPC	350 ug/l	Approved for statewide use on list dated 4/30/1999.	6/17/1999
I/C DEC	1000 mg/kg	Approved for statewide use on list dated 4/30/1999.	
I/C GWVC	3000 ug/l	Approved for site-specific use only. Based on E-based RfC.	1/31/2003
I/C SVVC	90 ppm	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 26 ug/m ³ .	3/6/2003
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/4/1999
Res DEC	500 mg/kg	Approved for statewide use on list dated 4/30/1999.	6/17/1999
Res GWVC	280 ug/l	Approved. Based on Proposed Revised Vol. Crit. Dated March 2003.	4/10/2003



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

Res SVVC	25 ppm	Approved for site-specific use only. Based on 1995 Volatilization Criteria equations using a TAC of 18 ug/m ³ .	3/6/2003
SWPC	0.710 mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003

vinyl acetate

CAS Number 108-05-4

Type of Criteria	Criteria	Units	Comments	Date Approved
GWPC	410	ug/l	Approved for site-specific use only. Based on EPA Region 3 RBC Table for tap water.	

xylene

CAS Number

Type of Criteria	Criteria	Units	Comments	Date Approved
SWPC	0.702	mg/l	Approved for site-specific use only. Based on in-stream dilution.	1/31/2003

zinc

CAS Number 7440-66-6

Type of Criteria	Criteria	Units	Comments	Date Approved
SWPC	23400	ug/l	Approved for site-specific use only. Based on in-stream dilution.	10/4/1999



State of Connecticut Department of Environmental Protection Comprehensive List of Approved Additional Polluting Substances Criteria and Alternative Criteria

(Please note that some of these criteria are for site-specific use only). See Reference Key at the end of the table for definitions.

Reference Key:

#	Criteria based on detection limits
A-based :	Alternate Health Effects Assessment Summary Table (HEAST) based number.
CSF :	Cancer Slope Factor
DW :	Drinking Water
E-based :	EPA-NCEA Provisional based number.
EPA Region 3 RBC Table :	EPA Region 3 Risk Based Concentration Table. http://www.epa.gov/reg3hwmd/risk/human/index.htm
EPH/VPH :	Extractable Petroleum Hydrocarbons (EPH) and Volatile Petroleum Hydrocarbons (VPH).
H-based :	Health Effects Assessment Summary Table (HEAST) based number.
I-based :	EPA Intergrated Risk Information System (IRIS) based number.
MADEP :	Massachusetts Department of Environmental Protection
MDL :	Minimum Detection Limit
RfC :	Reference Concentration
RfD :	Reference Dose
TAC :	Target Air Concentration
TPH :	Total Petroleum Hydrocarbon